

Title (en)

COMPONENT SYSTEM FOR PRODUCING CORES AND MOLDS

Title (de)

KOMPONENTENSYSTEM ZUR HERSTELLUNG VON KERNEN UND FORMEN

Title (fr)

SYSTÈME D'ÉLÉMENTS DESTINÉ À LA FABRICATION DE NOYAUX ET DE MOULES

Publication

EP 3558559 B1 20201118 (DE)

Application

EP 17835801 A 20171222

Priority

- DE 102016125702 A 20161223
- DE 2017101104 W 20171222

Abstract (en)

[origin: WO2018113852A1] The object of the invention is a component system for producing a binder for metal casting on the basis of phenolic resins of the benzyl ether type and isocyanates containing non-polar solvents.

IPC 8 full level

B22C 1/22 (2006.01); **B22C 1/16** (2006.01); **C08G 18/18** (2006.01); **C08G 18/54** (2006.01); **C08G 18/76** (2006.01); **C08G 8/36** (2006.01)

CPC (source: EP KR RU US)

B22C 1/162 (2013.01 - EP KR RU US); **B22C 1/2253** (2013.01 - EP KR RU US); **B22C 1/2273** (2013.01 - EP KR RU US); **B22C 9/12** (2013.01 - US); **C08G 8/36** (2013.01 - KR); **C08G 18/18** (2013.01 - EP KR US); **C08G 18/542** (2013.01 - EP KR RU US); **C08G 18/7664** (2013.01 - EP KR RU US); **C08G 18/7671** (2013.01 - US); **C08K 5/5415** (2013.01 - US); **C08G 8/36** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2018113852 A1 20180628; BR 112019013024 A2 20191217; BR 112019013024 B1 20230328; CA 3046878 A1 20180628; CN 110139722 A 20190816; CN 110139722 B 20211026; DE 102016125702 A1 20180628; DE 112017006507 A5 20200319; EP 3558559 A1 20191030; EP 3558559 B1 20201118; ES 2844428 T3 20210722; HU E053195 T2 20210628; JP 2020503176 A 20200130; JP 7227906 B2 20230222; KR 102445789 B1 20220921; KR 20190114967 A 20191010; MX 2019007551 A 20190816; PL 3558559 T3 20210726; PT 3558559 T 20210209; RU 2019122280 A 20210125; RU 2019122280 A3 20210415; RU 2759194 C2 20211110; US 11213881 B2 20220104; US 2020316674 A1 20201008

DOCDB simple family (application)

DE 2017101104 W 20171222; BR 112019013024 A 20171222; CA 3046878 A 20171222; CN 201780080347 A 20171222; DE 102016125702 A 20161223; DE 112017006507 T 20171222; EP 17835801 A 20171222; ES 17835801 T 20171222; HU E17835801 A 20171222; JP 2019534156 A 20171222; KR 20197019606 A 20171222; MX 2019007551 A 20171222; PL 17835801 T 20171222; PT 17835801 T 20171222; RU 2019122280 A 20171222; US 201716472441 A 20171222